Bubbly Creek Turning Basin December 13, 2007



Sampling Activity Summary:

MISACE

- USACE/CDM, Bubbly Creek Sediment Sampling, December 2003 Chemical sampling throughout creek for disposal parameters. For turning basin sample:
 - o Sum of all PAHs ~ 180 mg/kg
 - o Reactive Sulfide: 5,200 mg/kg
- MWRD, Sediment Chemistry, October 31, 2005 4 sampling locations, water and sediment chemistry. PAHs were the most significant sediment impacts:
 - O Sum of all PAHs range from ~ 62 mg/kg to 93 mg/kg
- UIC, Sediment Sampling Data, October and November 2005 Multiple sampling locations for geotechnical, geochemical, physical and chemical parameters.
 Primary constituents were PAHs:
 - o Sum of all PAHs range from ~ 13 mg/kg to 3,200 mg/kg
- DOE/Patrick Engineering Physical and geotechnical analysis of sediments and underlying clay. PAHs and metals primary constituents of concern:
 - Sum of all PAHs range from ~ 3 mg/kg to 60 mg/kg
 - o Lead concentrations range from 340 to 1,500 mg/kg
 - o Cyanide concentrations range from ND to 2.4 mg/kg

Other detected compounds include VOCs, PCBs, and pesticides.

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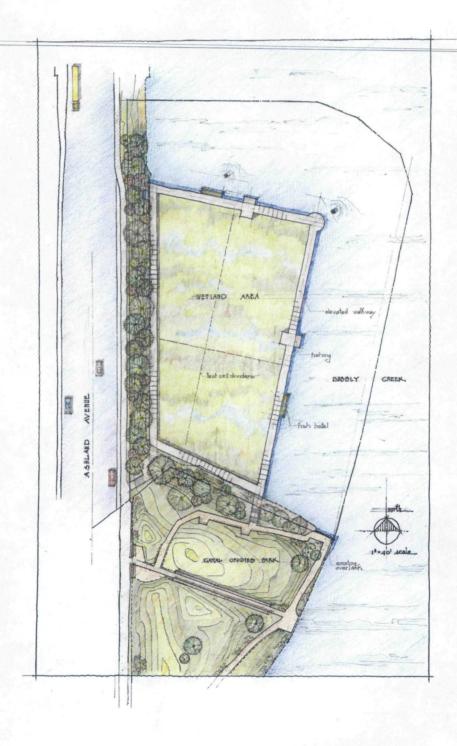
Bubbly Creek/Superfund Alternative Sites

December 13, 2007 – 9:00 AM

EDAY H. MAMO HAFERE

Agenda

- 1. Bubbly Creek Turning Basin Project Team
- 2. Data Sampling and Results
- 3. Preliminary Conceptual Design
- 4. SAS Program Update
- 5. Opportunities



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